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触覚通信装置(例1)

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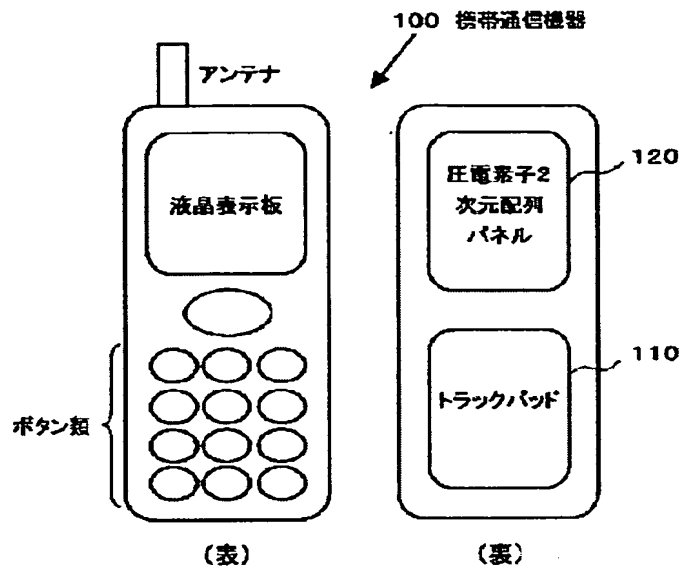
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TITLE : TACTILE COMMUNICATION DEVICE



ABSTRACT : PROBLEM TO BE SOLVED: To communicate tactile information such as a sensation of touching by a finger or the like with a portable communication device such as a portable telephone set or a PHS.

SOLUTION: On the backside or the like of a portable communication device 100, a track pad 110 which is a means for detecting contact position or move of a finger or the like and converting it to an electrical signal (contact signal) and a two-dimensional-array panel 220 of piezoelectric elements which is a means for generating tactual stimulation according to the contact signal, are provided. A transmitting end transmits a contact signal when a sender contacts or moves a finger or the like on the track pad 110. A receiving end converts the received contact signal into tactual stimulation by vibration by the two-dimensional-array panel 220 of the piezoelectric elements to convey the information to the recipient.

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